Name of work:Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

First and Part Bill

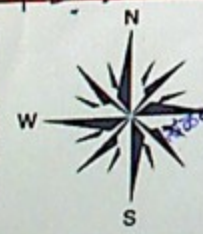
Test Reports

TEST REPORT ON STEEL (Material Tests for 1:4:8)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	Kaveri Layout, 1st Main Road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	19-02-22
Submission Date:	10-05-22

		For 8mm		For 10mm		For 12mm	
SL NO	Details	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008
1	Observed Dia of bar	8.0 mm	8.0 mm	10.0 mm	10.0 mm	12.0 mm	12.0 mm
2	Observed wt/m length(kg/m)	0.378	0.363	0.589	0.567	0.850	0.834
3	Proof Stress/Yield	538	500	545	500	535	500

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

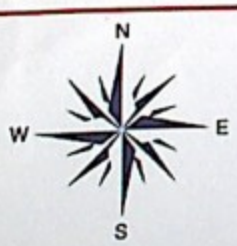


#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

	Stress fy =N/mm²						
4	Percentage of Elongation (%)	21.70	16	22.35	16	22.70	16
5	Ultimate Tensile Strength N/mm²	615	565	605	565	618	565
6	Bend/Re-Bend test	ok		ok		ok	

SOCIUS ENGG TECH PVT LTD
Bengaluru
560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಗ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106



#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON CEMENT(Material Tests for 1:4:8)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**at Kaveri Layout, 1st Main Road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**17-02-22**
Submission Date:	**10-05-22**

SL no	Description	Test Method as per IS	Test Result	Remarks
1	a) Initial setting time	IS: -4031 (part-5)	128 Minutes	ok
	b) Final setting time	IS: -4031 (part-5)	460Minutes	ok
2	Soundness	IS: 4031 (part-3) La-Chatelier method	3.0 mm	ok
3	Standard Consistency	IS: -4031 (part-4)	25.00%	ok
4	Compressive Strength			
	a) 3 Days	Mpa	26	ok
	b) 7 Days	Mpa	37	ok

SOCIUS ENGG. TECH PVT LTD. Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON COARSE AGGREGATE(Material Tests for 1:4:8)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**Kaveri Layout, 1st Main Road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**17-02-22**
Submission Date:	**10-05-22**

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
40	0	0	0	100	100
20	195	195	8.125	91.87	95-100
10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10

SOCIUS ENGG TECH PVT LTD. Bengaluru 560 010

Total Wt of Aggregate in Gms: 2300

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

	Stress fy =N/mm²						
4	Percentage of Elongation (%)	21.70	16	22.35	16	22.70	16
5	Ultimate Tensile Strength N/mm²	615	565	605	565	618	565
6	Bend/Re-Bend test	ok		ok		ok	

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

TEST REPORT ON CEMENT(Material Tests for 1:4:8)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**MM Layout, Main road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**19-02-22**
Submission Date:	**10-05-22**

SL no	Description	Test Method as per IS	Test Result	Remarks
1	c) Initial setting time	IS: -4031 (part-5)	128 Minutes	ok
	d) Final setting time	IS: -4031 (part-5)	460Minutes	ok
2	Soundness	IS: 4031 (part-3) La-Chatelier method	3.0 mm	ok
3	Standard Consistency	IS: -4031 (part-4)	25.00%	ok
4	Compressive Strength			
	c) 3 Days	Mpa	26	ok
	d) 7 Days	Mpa	37	ok

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON FINE AGGREGATE(Material Tests for 1:4:8)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**MM Layout, Main road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**19-02-22**
Submission Date:	**10-05-22**

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
10	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10

SAMPLE ID: Sand Total Wt of Aggregate in Gms: 1350

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.
AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON STEEL (Material Tests for 1:4:8)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	MM Layout, Main road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	22-02-22
Submission Date:	10-05-22

		For 8mm		For 10mm		For 12mm	
SL NO	Details	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008
1	Observed Dia of bar	8.0 mm	8.0 mm	10.0 mm	10.0 mm	12.0 mm	12.0 mm
2	Observed wt/m length(kg/m)	0.378	0.363	0.589	0.567	0.850	0.834
3	Proof Stress/Yield	538	500	545	500	535	500

SOCIUS ENGG. TECH. PVT. LTD. Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

	Stress fy =N/mm²						
4	Percentage of Elongation (%)	21.70	16	22.35	16	22.70	16
5	Ultimate Tensile Strength N/mm²	615	565	605	565	618	565
6	Bend/Re-Bend test	ok		ok		ok	

SOCIUS ENGG TECH PVT LTD. Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON CEMENT(Material Tests for 1:4:8)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**MM Layout, Main road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**20-02-22**
Submission Date:	**10-05-22**

SL no	Description	Test Method as per IS	Test Result	Remarks
1	e) Initial setting time	IS: -4031 (part-5)	128 Minutes	ok
	f) Final setting time	IS: -4031 (part-5)	460Minutes	ok
2	Soundness	IS: 4031 (part-3) La-Chatelier method	3.0 mm	ok
3	Standard Consistency	IS: -4031 (part-4)	25.00%	ok
4	Compressive Strength			
	e) 3 Days	Mpa	26	ok
	f) 7 Days	Mpa	37	ok

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON FINE AGGREGATE(Material Tests for 1:4:8)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**MM Layout, Main road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**20-02-22**
Submission Date:	**10-05-22**

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
10	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10

SAMPLE ID: Sand Total Wt of Aggregate in Gms: 1350

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON COARSE AGGREGATE(Material Tests for 1:4:8)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	MM Layout, Main road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	20-02-22
Submission Date:	10-05-22

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
40	0	0	0	100	100
20	195	195	8.125	91.87	95-100
10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10

SOCIUS ENGG TECH PVT LTD. Bengaluru 560 010

Total Wt of Aggregate in Gms: 2300

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON STEEL (Material Tests for 1:4:8)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	Vekateshwara Temple, Main road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	06-03-22
Submission Date:	10-05-22

		For 8mm		For 10mm		For 12mm	
SL NO	Details	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008
1	Observed Dia of bar	8.0 mm	8.0 mm	10.0 mm	10.0 mm	12.0 mm	12.0 mm
2	Observed wt/m length(kg/m)	0.378	0.363	0.589	0.567	0.850	0.834
3	Proof Stress/Yield	538	500	545	500	535	500

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

	Stress fy =N/mm²						
4	Percentage of Elongation (%)	21.70	16	22.35	16	22.70	16
5	Ultimate Tensile Strength N/mm²	615	565	605	565	618	565
6	Bend/Re-Bend test	ok		ok		ok	

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON CEMENT(Material Tests for 1:4:8)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**Vekateshwara Temple, Main road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**03-03-22**
Submission Date:	**10-05-22**

SL no	Description	Test Method as per IS	Test Result	Remarks
1	i) Initial setting time	IS: -4031 (part-5)	128 Minutes	ok
	j) Final setting time	IS: -4031 (part-5)	460Minutes	ok
2	Soundness	IS: 4031 (part-3) La-Chatelier method	3.0 mm	ok
3	Standard Consistency	IS: -4031 (part-4)	25.00%	ok
	Compressive Strength			
	i) 3 Days	Mpa	26	ok
	j) 7 Days	Mpa	37	ok

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

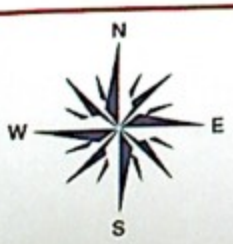
TEST REPORT ON FINE AGGREGATE(Material Tests for 1:4:8)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**Vekateshwara Temple, Main road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**03-03-22**
Submission Date:	**10-05-22**

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
10	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10

SAMPLE ID: Sand Total Wt of Aggregate in Gms: 1350

SOCIUS ENGG. TECH. PVT. LTD. Bengaluru 560 010



#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

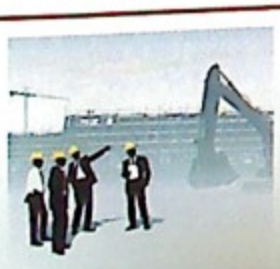
TEST REPORT ON COARSE AGGREGATE(Material Tests for 1:4:8)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	Vekateshwara Temple, Main road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	03-03-22
Submission Date:	10-05-22

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
40	0	0	0	100	100
20	195	195	8.125	91.87	95-100
10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

Total Wt of Aggregate in Gms: 2300



#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON STEEL (Material Tests for 1:4:8)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	Vekateshwara Temple, Main road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	08-03-22
Submission Date:	10-05-22

		For 8mm		For 10mm		For 12mm	
SL NO	Details	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008
1	Observed Dia of bar	8.0 mm	8.0 mm	10.0 mm	10.0 mm	12.0 mm	12.0 mm
2	Observed wt/m length(kg/m)	0.378	0.363	0.589	0.567	0.850	0.834
	Proof Stress/Yield	538	500	545	500	535	500

SOCIUS ENGG TECH PVT. LTD. Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON CEMENT(Material Tests for 1:4:8)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**Vekateshwara Temple, Main road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**05-03-22**
Submission Date:	**10-05-22**

SL no	Description	Test Method as per IS	Test Result	Remarks
1	k) Initial setting time	IS: -4031 (part-5)	128 Minutes	ok
	l) Final setting time	IS: -4031 (part-5)	460Minutes	ok
2	Soundness	IS: 4031 (part-3) La-Chatelier method	3.0 mm	ok
3	Standard Consistency	IS: -4031 (part-4)	25.00%	ok
4	Compressive Strength			
	k) 3 Days	Mpa	26	ok
	l) 7 Days	Mpa	37	ok

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರ ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ. ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೬೪

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.
AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

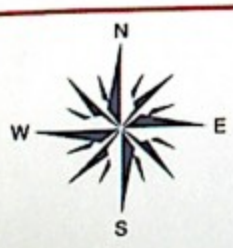
TEST REPORT ON FINE AGGREGATE(Material Tests for 1:4:8)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**Vekateshwara Temple, Main road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**05-03-22**
Submission Date:	**10-05-22**

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
10	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10

SAMPLE ID: Sand Total Wt of Aggregate in Gms: 1350

SOCIUS ENGG. TECH. PVT. LTD. Bengaluru 560 010



ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-100

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON STEEL (Material Tests for 1:4:8)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	Maruthi Nagara, 3rd Cross road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	15-03-22
Submission Date:	10-05-22

		For 8mm		For 10mm		For 12mm	
SL NO	Details	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008
1	Observed Dia of bar	8.0 mm	8.0 mm	10.0 mm	10.0 mm	12.0 mm	12.0 mm
2	Observed wt/m length(kg/m)	0.378	0.363	0.589	0.567	0.850	0.834
3	Proof Stress/Yield	538	500	545	500	535	500

SOCIUS ENGG TECH Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

	Stress fy =N/mm²						
4	Percentage of Elongation (%)	21.70	16	22.35	16	22.70	16
5	Ultimate Tensile Strength N/mm²	615	565	605	565	618	565
6	Bend/Re-Bend test	ok		ok		ok	

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-106

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON CEMENT(Material Tests for 1:4:8)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**Maruthi Nagara, 3rd Cross road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**12-03-22**
Submission Date:	**10-05-22**

SL no	Description	Test Method as per IS	Test Result	Remarks
1	m) Initial setting time	IS: -4031 (part-5)	128 Minutes	ok
	n) Final setting time	IS: -4031 (part-5)	460Minutes	ok
2	Soundness	IS: 4031 (part-3) La-Chatelier method	3.0 mm	ok
3	Standard Consistency	IS: -4031 (part-4)	25.00%	ok
4	Compressive Strength			
	m) 3 Days	Mpa	26	ok
	n) 7 Days	Mpa	37	ok

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.
AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

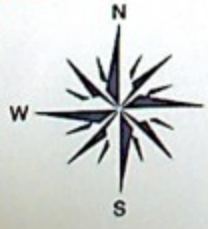
TEST REPORT ON FINE AGGREGATE(Material Tests for 1:4:8)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**Maruthi Nagara, 3rd Cross road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**12-03-22**
Submission Date:	**10-05-22**

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
10	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10

SAMPLE ID: Sand Total Wt of Aggregate in Gms: 1350

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-೧೦೬

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON COARSE AGGREGATE(Material Tests for 1:4:8)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**Maruthi Nagara, 3rd Cross road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**12-03-22**
Submission Date:	**10-05-22**

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
40	0	0	0	100	100
20	195	195	8.125	91.87	95-100
10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

Total Wt of Aggregate in Gms: 2300

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.
AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON STEEL (Material Tests for 1:4:8)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	Maruthi Nagara, 3rd Cross road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	16-03-22
Submission Date:	10-05-22

		For 8mm		For 10mm		For 12mm	
SL NO	Details	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008
1	Observed Dia of bar	8.0 mm	8.0 mm	10.0 mm	10.0 mm	12.0 mm	12.0 mm
2	Observed wt/m length(kg/m)	0.378	0.363	0.589	0.567	0.850	0.834
3	Proof Stress/Yield	538	500	545	500	535	500

SOCIUS ENGG. TECH. PVT. LTD. Bengaluru 560 010

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.
AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON FINE AGGREGATE(Material Tests for 1:4:8)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**Maruthi Nagara, 3rd Cross road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**13-03-22**
Submission Date:	**10-05-22**

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
10	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10

SAMPLE ID: Sand Total Wt of Aggregate in Gms: 1350

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON COARSE AGGREGATE(Material Tests for 1:4:8)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**Maruthi Nagara, 3rd Cross road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**13-03-22**
Submission Date:	**10-05-22**

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
40	0	0	0	100	100
20	195	195	8.125	91.87	95-100
10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10

SOCIUS ENGG TECH PVT LTD. Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ, ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Total Wt of Aggregate in Gms: 2300

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON CEMENT(Material Tests for 1:4:8)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**Balaji Layout, 1st A cross road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**04-03-22**
Submission Date:	**10-05-22**

SL no	Description	Test Method as per IS	Test Result	Remarks
1	u) Initial setting time	IS: -4031 (part-5)	128 Minutes	ok
	v) Final setting time	IS: -4031 (part-5)	460Minutes	ok
2	Soundness	IS: 4031 (part-3) La-Chatelier method	3.0 mm	ok
3	Standard Consistency	IS: -4031 (part-4)	25.00%	ok
4	Compressive Strength			
	u) 3 Days	Mpa	26	ok
	v) 7 Days	Mpa	37	ok

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.
AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON COARSE AGGREGATE(Material Tests for 1:4:8)

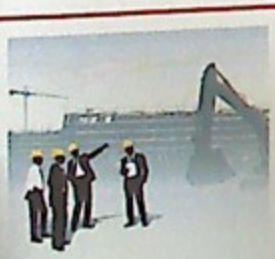
Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**Balaji Layout, 1st A cross road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**04-03-22**
Submission Date:	**10-05-22**

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
40	0	0	0	100	100
20	195	195	8.125	91.87	95-100
10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10

SOCIUS ENGG. TECH. PVT. LTD. Bengaluru 560 010

Total Wt of Aggregate in Gms: 2300

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106



#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON STEEL (Material Tests for 1:4:8)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	Choudwshwari Layout, 1st cross road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	07-03-22
Submission Date:	10-05-22

		For 8mm		For 10mm		For 12mm	
SL NO	Details	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008
1	Observed Dia of bar	8.0 mm	8.0 mm	10.0 mm	10.0 mm	12.0 mm	12.0 mm
2	Observed wt/m length(kg/m)	0.378	0.363	0.589	0.567	0.850	0.834
3	Proof Stress/Yield	538	500	545	500	535	500

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧಿಕಾರಿಗಳ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-10೯

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON CEMENT(Material Tests for 1:4:8)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**Choudwshwari Layout, 1st cross road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**04-03-22**
Submission Date:	**10-05-22**

SL no	Description	Test Method as per IS	Test Result	Remarks
1	y) Initial setting time	IS: -4031 (part-5)	128 Minutes	ok
	z) Final setting time	IS: -4031 (part-5)	460Minutes	ok
2	Soundness	IS: 4031 (part-3) La-Chatelier method	3.0 mm	ok
3	Standard Consistency	IS: -4031 (part-4)	25.00%	ok
4	Compressive Strength			
	y) 3 Days	Mpa	26	ok
	z) 7 Days	Mpa	37	ok

SOCIUS ENGG TECH PVT Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON COARSE AGGREGATE(Material Tests for 1:4:8)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	Choudwshwari Layout, 1st cross road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	04-03-22
Submission Date:	10-05-22

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
40	0	0	0	100	100
20	195	195	8.125	91.87	95-100
10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10

Total Wt of Aggregate in Gms: 2300

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

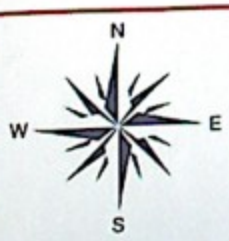
SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON STEEL (Material Tests for 1:4:8)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	Choudwshwari Layout, 1st cross road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	08-03-22
Submission Date:	10-05-22

		For 8mm		For 10mm		For 12mm	
SL NO	Details	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008
1	Observed Dia of bar	8.0 mm	8.0 mm	10.0 mm	10.0 mm	12.0 mm	12.0 mm
2	Observed wt/m length(kg/m)	0.378	0.363	0.589	0.567	0.850	0.834
3	Proof Stress/Yield	538	500	545	500	535	500



#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.
AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON FINE AGGREGATE(Material Tests for 1:4:8)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**Choudwshwari Layout, 1st cross road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**06-03-22**
Submission Date:	**10-05-22**

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
10	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10

SAMPLE ID: Sand Total Wt of Aggregate in Gms: 1350

SOCIUS ENGG. TECH. PVT. LTD. Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10೦

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON M20 GRADE CONCRETE

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Kaveri Layout, 1st main road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M20

Compressive Strength as on : 07 Days

Date of casting : 22-02-22

Concrete for culvert and Drains side walls 07 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	22-02-22	02-03-22	304.0	13.51	13.56
2	22-02-22	02-03-22	306.2	13.60	
3	22-02-22	02-03-22	305.6	13.58	

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ B.B.M.P. ಬೆಂಗಳೂರು-106

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON M20 GRADE CONCRETE

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Kaveri Layout, 1st main road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Name of the Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M20

Compressive Strength as on : 07 Days

Date of casting : 22-02-22

Concrete for culvert and Drains side walls 07 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	22-02-22	02-03-22	304.0	13.51	13.586
2	22-02-22	02-03-22	306.2	13.60	
3	22-02-22	02-03-22	307.3	13.65	

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON M20 GRADE CONCRETE

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At MM Layout, Main road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Name of the Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M20

Compressive Strength as on : 07 Days

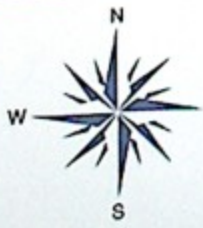
Date of casting : 27-02-22

Concrete for culvert slabs and Drain slabs 07 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	27-02-22	07-03-22	307.3	13.65	13.86
2	27-02-22	07-03-22	309.5	13.75	
3	27-02-22	07-03-22	310.4	13.79	

SOCIUS ENGG TECH PVT LTD. Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೧೦೯



#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON M20 GRADE CONCRETE

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

Location : At MM Layout, Main road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Name of the Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M20

Compressive Strength as on : 07 Days

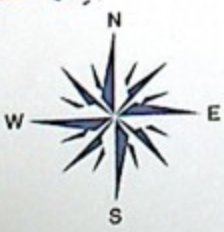
Date of casting : 26-02-22

Concrete for culvert slabs and Drain slabs 07 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	26-02-22	06-03-22	309.5	13.75	13.80
2	26-02-22	06-03-22	312	13.86	
3	26-02-22	06-03-22	310.4	13.79	

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-106



#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON M20 GRADE CONCRETE

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Vekateshwara Temple, Main road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Name of the Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M20

Compressive Strength as on : 07 Days

Date of casting : 09-03-22

Concrete for culvert and Drains side walls 07 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	09-03-22	16-03-22	304.0	13.51	13.58
2	09-03-22	16-03-22	306.2	13.60	
3	09-03-22	16-03-22	307.3	13.65	

SOCIUS ENGG. TECH. PVT. LTD. Bengaluru 560 010

ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಜೆ.ಇ.ಇ. ಬೆಂಗಳೂರು-106

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON M20 GRADE CONCRETE

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Maruthi Nagara, 3rd Cross road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Name of the Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M20

Compressive Strength as on : 07 Days

Date of casting : 18-03-22

Concrete for culvert slabs and Drain slabs 07 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	18-03-22	25-03-22	307.3	13.65	13.71
2	18-03-22	25-03-22	309.5	13.75	
3	18-03-22	25-03-22	309.3	13.74	

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON M20 GRADE CONCRETE

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Balaji Layout, 1st A cross road

Client: Assistant: Executive Engineer Division, Yelahanka BBMP, Bangalore

Name of the Work Order No :- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M20

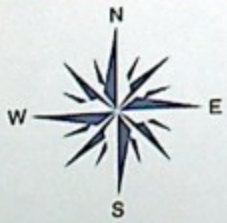
Compressive Strength as on :, 07 Days

Date of casting : 09-03-22

Concrete for culvert slabs and Drain slabs 07 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	09-03-22	16-03-22	314.6	13.98	13.84
2	09-03-22	16-03-22	309.5	13.75	
3	09-03-22	16-03-22	310.4	13.79	

SOCIUS ENGG TECH PVT LTD. Bengaluru 560 010



#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON M20 GRADE CONCRETE

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

Location : At Choudwshwari Layout, 1st cross road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Name of the Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M20

Compressive Strength as on : 07 Days

Date of casting : 09-03-22

Concrete for culvert slabs and Drain slabs 07 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	09-03-22	16-03-22	309.5	13.75	13.80
2	09-03-22	16-03-22	312	13.86	
3	09-03-22	16-03-22	310.4	13.79	

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

TEST REPORT ON M20 GRADE CONCRETE

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

location : At Choudwshwari Layout, 1st cross road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Name of the Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M20

Compressive Strength as on : 07 Days

Date of casting : 09-03-22

Concrete for culvert slabs and Drain slabs 07 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	09-03-22	16-03-22	307.3	13.65	13.86
2	09-03-22	16-03-22	309.5	13.75	
3	09-03-22	16-03-22	310.4	13.79	

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-10೯

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON M20 GRADE CONCRETE

Name of work: Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)

location : At Kaveri Layout, 1st main road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Name of the Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M20

Compressive Strength as on : 28 Days

Date of casting : 22-02-22

Concrete for culvert and Drains side walls 28 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	22-02-22	22-03-22	506.3	22.50	22.103
2	22-02-22	22-03-22	492.0	21.87	
3	22-02-22	22-03-22	493.6	21.94	

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON M20 GRADE CONCRETE

Name of work: Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)

location : At Kaveri Layout, 1st main road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Name of the Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M20

Compressive Strength as on : 28 Days

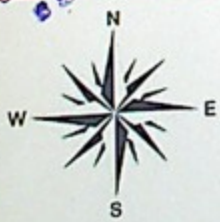
Date of casting : 24-02-22

Concrete for culvert slabs and Drain slabs 28 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	24-02-22	24-03-22	493.6	21.94	23.3
2	24-02-22	24-03-22	538.7	23.97	
3	24-02-22	24-03-22	539.8	23.99	

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ, ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-10



#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON M20 GRADE CONCRETE

Name of work: Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)

Location : At MM Layout, Main road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Name of the Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M20

Compressive Strength as on : 28 Days

Date of casting : 26-02-22

Concrete for culvert slabs and Drain slabs 28 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	26-02-22	26-03-22	538.7	23.97	23.42
2	26-02-22	26-03-22	518.7	23.05	
3	26-02-22	26-03-22	523.4	23.26	

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.
AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON M20 GRADE CONCRETE

Name of work: Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)

location : At MM Layout, Main road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Name of the Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M20

Compressive Strength as on :, 28 Days

Date of casting : 26-02-22

Concrete for culvert slabs and Drain slabs 28 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	26-02-22	26-03-22	521.4	23.17	23.46
2	26-02-22	26-03-22	538.7	23.97	
3	26-02-22	26-03-22	523.4	23.26	

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10೯

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON M20 GRADE CONCRETE

Name of work: Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)

location : At Maruthi Nagara, 3rd Cross road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Name of the Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M20

Compressive Strength as on : 28 Days

Date of casting : 18-03-22

Concrete for culvert slabs and Drain slabs 28 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	18-03-22	15-04-22	493.6	21.94	23.3
2	18-03-22	15-04-22	538.7	23.97	
3	18-03-22	15-04-22	539.8	23.99	

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.
AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON M20 GRADE CONCRETE

Name of work: Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)

location : At Adithya Nagar, 2nd cross road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Name of the Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M20

Compressive Strength as on : 28 Days

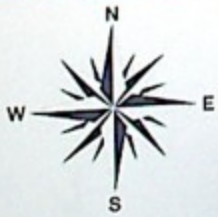
Date of casting : 01-03-22

Concrete for culvert and Drains side walls 28 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	01-03-22	29-03-22	506.3	22.50	22.103
2	01-03-22	29-03-22	492.0	21.87	
3	01-03-22	29-03-22	493.6	21.94	

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106



#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON M20 GRADE CONCRETE

Name of work: Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)

location : At Adithya Nagar, 2nd cross road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Name of the Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M20

Compressive Strength as on : 28 Days

Date of casting : 01-03-22

Concrete for culvert slabs and Drain slabs 28 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	01-03-22	29-03-22	493.6	21.94	23.3
2	01-03-22	29-03-22	538.7	23.97	
3	01-03-22	29-03-22	539.8	23.99	

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10೯

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.
AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON M20 GRADE CONCRETE

Name of work: Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)

location : At Balaji Layout, 1st A cross road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Name of the Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M20

Compressive Strength as on : 28 Days

Date of casting : 08-03-22

Concrete for culvert slabs and Drain slabs 28 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	08-03-22	19-04-22	493.6	21.94	23.3
2	08-03-22	19-04-22	538.7	23.97	
3	08-03-22	19-04-22	539.8	23.99	

SOCIUS ENGG. TECH PVT LTD Bangaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-100

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON M20 GRADE CONCRETE

Name of work: Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)

Location : At Balaji Layout, 1st A cross road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Name of the Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M20

Compressive Strength as on : 28 Days

Date of casting : 09-03-22

Concrete for culvert slabs and Drain slabs 28 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	09-03-22	20-04-22	538.7	23.97	23.42
2	09-03-22	20-04-22	518.7	23.05	
3	09-03-22	20-04-22	523.4	23.26	

SOCIUS ENGG. TECH PVT LTD Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಕ.ಪ.ಅ.ಕಿ. ಬೆಂಗಳೂರು-೧೦೬

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON M20 GRADE CONCRETE

Name of work: Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)

location : At Balaji Layout, 1st A cross road

Client: Assistant: Executive Engineer Division, Yelahanka BBMP, Bangalore

Name of the Work Order No :- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M20

Compressive Strength as on :, 28 Days

Date of casting : 09-03-22

Concrete for culvert slabs and Drain slabs 28 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	09-03-22	20-04-22	521.4	23.17	23.46
2	09-03-22	20-04-22	538.7	23.97	
3	09-03-22	20-04-22	523.4	23.26	

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-10ರ

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON M20 GRADE CONCRETE

Name of work: Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)

location : At Choudwshwari Layout, 1st cross road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Name of the Work Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M20

Compressive Strength as on : 28 Days

Date of casting : 09-03-22

Concrete for culvert slabs and Drain slabs 28 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	09-03-22	20-04-22	493.6	21.94	23.05
2	09-03-22	20-04-22	538.7	23.97	
3	09-03-22	20-04-22	523.4	23.26	

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

ನಜಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧಿಯಂತರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಪಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

Test Report On Pre Cast Slab 100mm Core

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	At MM Layout, Main road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	IS:516-1959 (Reaffirmed 2008), SP-24:1983.
Date of Testing:	28-02-22
Submission Date:	10-05-22

Sl. No.	Dia of Core D(mm)	Height of Core H(mm)	Core Wt. (Kg)	Density of Core(Kg/M³)	H/D	Correction Factor (Based on H/D)	Failure Load (KN)	Core Strength (N/mm²)	Correction Factor for the Dia.(Strength of the Core X 1.08)	Corrected Cylinder Compressive strength(N/mm²)	Equivalent Cube Compressive strength(N/mm²)
1	50.00	81	0.368	2313.84	1.62	0.960	33.20	16.91	18.26	17.53	21.91
2	50.00	85	0.395	2366.73	1.70	0.960	32.60	16.60	17.93	17.21	21.52
3	50.00	90	0.418	2391.97	1.78	0.960	34.50	17.57	18.98	18.98	22.77

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

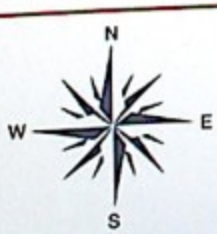
Test Report On Pre Cast Slab 100mm Core

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	At Vekateshwara Temple, Main road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	IS:516-1959 (Reaffirmed 2008), SP-24:1983.
Date of Testing:	13-03-22
Submission Date:	10-05-22

Sl. No.	Dia of Core D(mm)	Height of Core H(mm)	Core Wt. (Kg)	Density of Core(Kg/M³)	H/D	Correction Factor (Based on H/D)	Failure Load (KN)	Core Strength (N/mm²)	Correction Factor for the Dia.(Strength of the Core X 1.08)	Corrected Cylinder Compressive strength(N/mm²)	Equivalent Cube Compressive strength(N/mm²)
1	50.00	81	0.368	2313.84	1.62	0.960	33.20	16.91	18.26	17.53	21.91
2	50.00	85	0.395	2366.73	1.70	0.960	32.60	16.60	17.93	17.21	21.52
3	50.00	90	0.418	2391.97	1.78	0.960	34.50	17.57	18.98	18.98	22.77

SOCIUS ENGG. TECH PVT LTD Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-106



#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

Test Report On Pre Cast Slab 100mm Core

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	At Maruthi Nagara, 3rd Cross road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	IS:516-1959 (Reaffirmed 2008), SP-24:1983.
Date of Testing:	18-03-22
Submission Date:	10-05-22

Sl. No.	Dia of Core D(mm)	Height of Core H(mm)	Core Wt. (Kg)	Density of Core(Kg /M³)	H/D	Correction Factor (Based on H/D)	Failure Load (KN)	Core Strength (N/mm²)	Correction Factor for the Dia.(Strength of the Core X 1.08)	Corrected Cylinder Compressive strength(N/mm²)	Equivalent Cube Compressive strength(N/mm²)
1	50.00	81	0.368	2313.84	1.62	0.960	33.20	16.91	18.26	17.53	21.91
2	50.00	85	0.395	2366.73	1.70	0.960	32.60	16.60	17.93	17.21	21.52
3	50.00	90	0.418	2391.97	1.78	0.960	34.50	17.57	18.98	18.98	22.77

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

Test Report On Pre Cast Slab 250mm Core

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	MM Layout, Main road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	IS:516-1959 (Reaffirmed 2008), SP-24:1983.
Date of Testing:	28-02-22
Submission Date:	10-05-22
Grade of Concrete	M_{20}

Sl. No.	Dia of Core D(mm)	Height of Core H(mm)	Core Wt. (Kg)	Density of Core(Kg/M³)	H/D	Correction Factor (Based on H/D)	Failure Load (KN)	Core Strength (N/mm²)	Correction Factor for the Dia.(Strength of the Core X 1.08)	Corrected Cylinder Compressive strength(N/mm²)	Equivalent Cube Compressive strength(N/mm²)
1	100	135	2.489	2347.48	1.35	0.960	132.60	16.88	18.23	17.50	21.88
2	100	137	2.546	2366.18	1.37	0.960	134.80	17.16	18.54	17.79	22.24
3	100	136	2.556	2392.94	1.36	0.960	135.60	17.27	18.65	17.90	22.38

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

Test Report On Pre Cast Slab 250mm Core

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	Vekateshwara Temple, Main road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	IS:516-1959 (Reaffirmed 2008), SP-24:1983.
Date of Testing:	14-03-22
Submission Date:	10-05-22
Grade of Concrete	M_{20}

Sl. No.	Dia of Core D(mm)	Height of Core H(mm)	Core Wt. (Kg)	Density of Core(Kg /M³)	H/D	Correction Factor (Based on H/D)	Failure Load (KN)	Core Strength (N/mm²)	Correction Factor for the Dia.(Strength of the Core X 1.08)	Corrected Cylinder Compressive strength(N/mm²)	Equivalent Cube Compressive strength(N/mm²)
1	100	135	2.489	2347.48	1.35	0.960	132.60	16.88	18.23	17.50	21.88
2	100	137	2.546	2366.18	1.37	0.960	134.80	17.16	18.54	17.79	22.24
3	100	136	2.556	2392.94	1.36	0.960	135.60	17.27	18.65	17.90	22.38

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

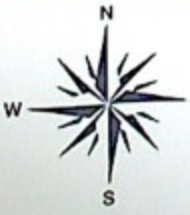
Test Report On Pre Cast Slab 250mm Core

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	Maruthi Nagara, 3rd Cross road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	IS:516-1959 (Reaffirmed 2008), SP-24:1983.
Date of Testing:	23-03-22
Submission Date:	10-05-22
Grade of Concrete	M_{20}

Sl. No.	Dia of Core D(mm)	Height of Core H(mm)	Core Wt. (Kg)	Density of Core(Kg/M³)	H/D	Correction Factor (Based on H/D)	Failure Load (KN)	Core Strength (N/mm²)	Correction Factor for the Dia.(Strength of the Core X 1.08)	Corrected Cylinder Compressive strength(N/mm²)	Equivalent Cube Compressive strength(N/mm²)
1	100	135	2.489	2347.48	1.35	0.960	132.60	16.88	18.23	17.50	21.88
2	100	137	2.546	2366.18	1.37	0.960	134.80	17.16	18.54	17.79	22.24
3	100	136	2.556	2392.94	1.36	0.960	135.60	17.27	18.65	17.90	22.38

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಯಲಹಂಕ ಉಪವಿಭಾಗ ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು-106



#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.
AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON FINE AGGREGATE(Material Tests for 1:2:4)

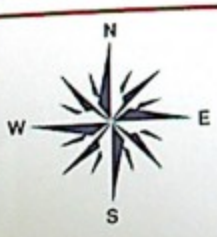
Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**Kaveri Layout, 1st Main Road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**17-02-22**
Submission Date:	**10-05-22**

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
10	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10

SAMPLE ID: Sand Total Wt of Aggregate in Gms: 1350

SOCIUS ENGG. TECH. PVT. LTD. Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-10೬



#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.
AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON CEMENT(Material Tests for 1:2:4)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**MM Layout, Main road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**19-02-22**
Submission Date:	**10-05-22**

SL no	Description	Test Method as per IS	Test Result	Remarks
1	c) Initial setting time	IS: -4031 (part-5)	128 Minutes	ok
	d) Final setting time	IS: -4031 (part-5)	460Minutes	ok
2	Soundness	IS: 4031 (part-3) La-Chatelier method	3.0 mm	ok
3	Standard Consistency	IS: -4031 (part-4)	25.00%	ok
4	Compressive Strength			
	c) 3 Days	Mpa	26	ok
	d) 7 Days	Mpa	37	ok

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON CEMENT(Material Tests for 1:2:4)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**MM Layout, Main road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**20-02-22**
Submission Date:	**10-05-22**

SL no	Description	Test Method as per IS	Test Result	Remarks
1	e) Initial setting time	IS: -4031 (part-5)	128 Minutes	ok
	f) Final setting time	IS: -4031 (part-5)	460Minutes	ok
2	Soundness	IS: 4031 (part-3) La-Chatelier method	3.0 mm	ok
3	Standard Consistency	IS: -4031 (part-4)	25.00%	ok
4	Compressive Strength			
	e) 3 Days	Mpa	26	ok
	f) 7 Days	Mpa	37	ok

SOCIUS ENGG. TECH PVT. LTD. Bangaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON STEEL (Material Tests for 1:2:4)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	MM Layout, Main road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	22-02-22
Submission Date:	10-05-22

		For 8mm		For 10mm		For 12mm	
SL NO	**Details**	**Test Results**	**Min req as per IS 1786-2008**	**Test Results**	**Min req as per IS 1786-2008**	**Test Results**	**Min req as per IS 1786-2008**
1	Observed Dia of bar	8.0 mm	8.0 mm	10.0 mm	10.0 mm	12.0 mm	12.0 mm
2	Observed wt/m length(kg/m)	0.378	0.363	0.589	0.567	0.850	0.834
3	Proof Stress/Yield	538	500	545	500	535	500

SOCIUS ENGG. TECH. PVT. LTD. Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.
AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON COARSE AGGREGATE(Material Tests for 1:2:4)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**MM Layout, Main road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**20-02-22**
Submission Date:	**10-05-22**

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
40	0	0	0	100	100
20	195	195	8.125	91.87	95-100
10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10

Total Wt of Aggregate in Gms: 2300

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON COARSE AGGREGATE(Material Tests for 1:2:4)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**Vekateshwara Temple, Main road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**05-03-22**
Submission Date:	**10-05-22**

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
40	0	0	0	100	100
20	195	195	8.125	91.87	95-100
10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010

Total Wt of Aggregate in Gms: 2300

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON CEMENT(Material Tests for 1:2:4)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**Maruthi Nagara, 3rd Cross road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**13-03-22**
Submission Date:	**10-05-22**

SL no	Description	Test Method as per IS	Test Result	Remarks
1	o) Initial setting time	IS: -4031 (part-5)	128 Minutes	ok
	p) Final setting time	IS: -4031 (part-5)	460Minutes	ok
2	Soundness	IS: 4031 (part-3) La-Chatelier method	3.0 mm	ok
3	Standard Consistency	IS: -4031 (part-4)	25.00%	ok
4	Compressive Strength			
	o) 3 Days	Mpa	26	ok
	p) 7 Days	Mpa	37	ok

SOCIUS ENGG TECH PVT LTD Bengaluru 560010

N W E S

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.
AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON FINE AGGREGATE(Material Tests for 1:2:4)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**Maruthi Nagara, 3rd Cross road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**13-03-22**
Submission Date:	**10-05-22**

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
10	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10

SAMPLE ID: Sand Total Wt of Aggregate in Gms: 1350

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.
AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON FINE AGGREGATE(Material Tests for 1:2:4)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**Adithya Nagar, 2nd cross road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**26-02-22**
Submission Date:	**10-05-22**

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
10	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10

SAMPLE ID: Sand Total Wt of Aggregate in Gms: 1350

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail support@sociusengg.com
Call 7259425099, 8951206241
Website www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON FINE AGGREGATE(Material Tests for 1:2:4)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**Choudwshwari Layout, 1st cross road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**06-03-22**
Submission Date:	**10-05-22**

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
10	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10

SAMPLE ID: Sand Total Wt of Aggregate in Gms: 1350

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail support@sociusengg.com
Call 7259425099, 8951206241
Website www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.
AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

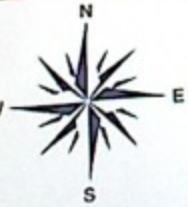
TEST REPORT ON FINE AGGREGATE(Material Tests for 1:2:4)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**Choudwshwari Layout, 1st cross road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**06-03-22**
Submission Date:	**10-05-22**

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
10	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10

SAMPLE ID: Sand Total Wt of Aggregate in Gms: 1350

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ ಬ ಎಂ ಪ, ಬೆಂಗಳೂರು-106



#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

Test Report On Concrete Core (Kerb Stone)

Name of work:	Comphesive development of road and drains at Adithyanagara, Chikkabettahalli, Jyothinagara, Munishamappa Layout, and Judicial Layout in ward no. 03 and 04 of Yelahanka Division (Package – 5)
Location:	Kaveri Layout
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	IS:516-1959 (Reaffirmed 2008), SP-24:1983.
Date of Testing:	01-03-22
Submission Date:	10-05-22

Sl. No.	Dia of Core D(mm)	Height of Core H(mm)	Core Wt. (Kg)	Density of Core(Kg/M³)	H/D	Correction Factor (Based on H/D)	Failure Load (KN)	Core Strength (N/mm²)	Correction Factor for the Dia.(Strength of the Core X 1.08)	Corrected Cylinder Compressive strength(N/mm²)	Equivalent Cube Compressive strength(N/mm²)
1	50.00	78	0.385	2513.83	1.56	0.950	25.15	12.18	13.85	13.14	16.43
2	50.00	79	0.394	2540.03	1.58	0.960	25.37	12.92	13.95	13.40	16.75
3	50.00	80	0.401	2552.85	1.60	0.955	25.65	13.06	14.11	13.47	16.84

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.
AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

REPORT ON GRANULAR SUB BASE COURSE (GSB)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	At Bettahalli roads
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	09-04-22
Submission Date:	10-05-22

Mix Design of Granular Sub-Base (GSB). Close Graded - II

Sieve Size mm	Materials A % (40mm)	Materials B % (20mm)	Materials C % (12.5mm)	Materials D % (6mm)	Materials E % (4.75mm)	Obtained gradation	Desired gradation	Remarks
53.000	100	100.00	100.00	100	100.00	100	100	Satisfactory may be followed
26.500	29.24	100.00	100	100.00	100.00	89.39	70-100	
9.500	0.48	32.60	84.17	100.00	100.00	74.29	50-80	
4.750		11.07	2.87	83.70	100.00	55.58	40-65	
2.360		0.07	0.07	51.03	85.20	39.40	30-50	
0.425				18.55	30.70	14.03	10-15	
0.075				3.55	3.50	1.97	0-5	

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Material A 40mm = 15%

Job mix formula:

Material B 20mm = 12%
=15:12:17:26:30

A: B: C: D: E

Material C 12.5mm = 17%

OMC =4.5%

Material D 6 mm down = 26%

MDD = 2.36gm/cc

Material E Quarry fines 4.75mm down = 30%

Note: Test and mix design results are for the aggregates and bitumen

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರ
ಯುಬಿಡಿಎ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಇ.ಎಂ.ಟಿ. ಬೆಂಗಳೂರು-105

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Material A 40mm = 15%

Job mix formula:

Material B 20mm = 12%
=15:12:17:26:30

A: B: C: D: E

Material C 12.5mm = 17%

OMC =4.5%

Material D 6 mm down = 26%

MDD = 2.36gm/cc

Material E Quarry fines 4.75mm down = 30%

Note: Test and mix design results are for the aggregates and bitumen

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೧೦೯

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Material A 40mm = 15%

Job mix formula:

Material B 20mm = 12%
=15:12:17:26:30

A: B: C: D: E

Material C 12.5mm = 17%

OMC =4.5%

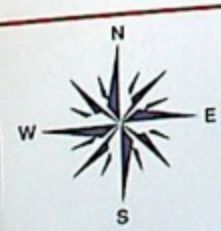
Material D 6 mm down = 26%

MDD = 2.36gm/cc

Material E Quarry fines 4.75mm down = 30%

Note: Test and mix design results are for the aggregates and bitumen

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010



#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Material A 40mm = 15%

Job mix formula:

Material B 20mm = 12%
=15:12:17: 26:30

Material C 12.5mm = 17%

Material D 6 mm down = 26%

Material E Quarry fines 4.75mm down = 30%

A: B: C: D: E

OMC =4.5%

MDD = 2.36gm/cc

Note: Test and mix design results are for the aggregates and bitumen

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಡಿ.ಎ.ಪಿ. ಬೆಂಗಳೂರು-106

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

REPORT ON GRANULAR SUB BASE COURSE (GSB)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	At Balaji Layout
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	15-04-22
Submission Date:	10-05-22

Mix Design of Granular Sub-Base (GSB). Close Graded - II

Sieve Size mm	Materials A % (40mm)	Materials B % (20mm)	Materials C % (12.5mm)	Materials D % (6mm)	Materials E % (4.75mm)	Obtained gradation	Desired gradation	Remarks
53.000	100	100.00	100.00	100	100.00	100	100	Satisfactory may be followed
26.500	29.24	100.00	100	100.00	100.00	89.39	70-100	
9.500	0.48	32.60	84.17	100.00	100.00	74.29	50-80	
4.750		11.07	2.87	83.70	100.00	55.58	40-65	
2.360		0.07	0.07	51.03	85.20	39.40	30-50	
0.425				18.55	30.70	14.03	10-15	
0.075				3.55	3.50	1.97	0-5	

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

FIELD DENSITY OF WMM

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	Bettahalli Roads
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	25-04-22
Submission Date:	20-05-22

Test Results – Existing Wet mix Samples

Sample NO	Location	Modified proctor density g/cc	OMC In %	Field Density in g/CC	Field Moisture Content in %	Compaction In %
1	4th Cross Road	2.24	5.11	2.20	5.04	98.66
2	4th Sub Cross Road	2.25	5.15	2.21	5.05	98.21
3	5th Cross Road	2.24	5.11	2.20	5.04	98.19
4	6th Cross Road	2.24	5.11	2.20	5.03	98.64

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.
AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON FINE AGGREGATE(Material Tests for Dry lean concrete)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	At Bettahalli, 2nd cross road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	17-02-22
Submission Date:	10-05-22

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
10	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10

SAMPLE ID: Sand Total Wt of Aggregate in Gms: 1350

SOCIUS ENGG. TECH. PVT. LTD. Bengaluru 560010

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

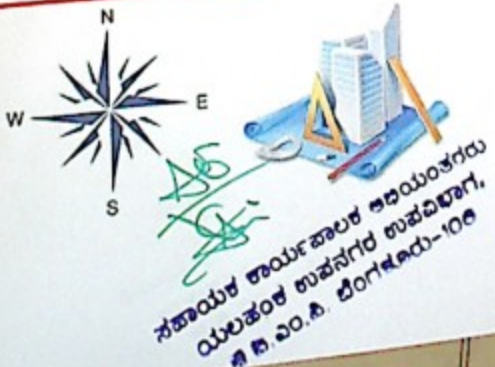
TEST REPORT ON COARSE AGGREGATE(Material Tests for Dry lean concrete)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	At Bettahalli, 2nd A cross road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	19-02-22
Submission Date:	10-05-22

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
40	0	0	0	100	100
20	195	195	8.125	91.87	95-100
10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10

Total Wt of Aggregate in Gms: 2300

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.
AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON COARSE AGGREGATE(Material Tests for Dry lean concrete)

Name of work:	Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)
Location:	At Bettahalli, 2nd B cross road
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	Shri G Humesh Kumar Shri Sai Constructions
Reference:	BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	20-02-22
Submission Date:	10-05-22

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
40	0	0	0	100	100
20	195	195	8.125	91.87	95-100
10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10

Total Wt of Aggregate in Gms: 2300

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON COARSE AGGREGATE(Material Tests for Dry lean concrete)

Name of work:	**Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)**
Location:	**Vekateshwara Temple, Main road**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**Shri G Humesh Kumar Shri Sai Constructions**
Reference:	**BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**03-03-22**
Submission Date:	**10-05-22**

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
40	0	0	0	100	100
20	195	195	8.125	91.87	95-100
10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10

Total Wt of Aggregate in Gms: 2300

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON M30 GRADE CONCRETE

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

Location: At Bettahalli, 2nd cross road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Order No: BBMP/EE/YNK D/EPMT-08/W O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M30

Compressive Strength as on : 07 Days

Date of casting : 26-04-22

Concrete for roads 07 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	26-04-22	02-05-22	450	20	20.45
2	26-04-22	02-05-22	459.2	20.40	
3	26-04-22	02-05-22	471.6	20.96	

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೧೯

N W E S

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON M30 GRADE CONCRETE

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

Location : At Bettahalli, 3rd A cross road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Order No:- BBMP/EE/YNK D/EPMT-08/W O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M30

Compressive Strength as on :, 07 Days

Date of casting : 27-04-22

Concrete for roads 07 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	27-04-22	03-05-22	480	21.33	21.24
2	27-04-22	03-05-22	475.5	21.13	
3	27-04-22	03-05-22	478.6	21.27	

SOCIUS ENGG. TECH PVT LTD Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON M30 GRADE CONCRETE

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

Location : At Bettahalli, 2nd B cross road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Order No:- BBMP/EE/YNK D/EPMT-08/W O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M30

Compressive Strength as on :, 07 Days

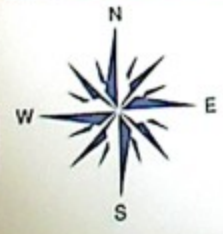
Date of casting : 27-04-22

Concrete for roads 07 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	27-04-22	03-05-22	450	20	20.45
2	27-04-22	03-05-22	459.2	20.40	
3	27-04-22	03-05-22	471.6	20.96	

SOCIUS ENGG. TECH PVT LTD. Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧಿಯಂತರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೫೬೦



#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON M30 GRADE CONCRETE

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

Location: At Venkateshwara Temple road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Order No: BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M30

Compressive Strength as on : 07 Days

Date of casting : 30-04-22

Concrete for roads 07 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	30-04-22	06-05-22	478.4	21.26	20.87
2	30-04-22	06-05-22	466.9	20.75	
3	30-04-22	06-05-22	463.5	20.60	

SOCIUS ENGG. TECH PVT LTD. Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON M30 GRADE CONCRETE

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

Location : At Bettahalli, 3rd cross road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M30

Compressive Strength as on :, 28 Days

Date of casting : 27-04-22

Concrete for roads 28 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	27-04-22	24-05-22	711.5	31.62	32.31
2	27-04-22	24-05-22	724.8	32.21	
3	27-04-22	24-05-22	745.3	33.12	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON M30 GRADE CONCRETE

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

Location : At Bettahalli, 6th E cross road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Order No:- BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M30

Compressive Strength as on :, 28 Days

Date of casting : 28-04-22

Concrete for roads 28 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	28-04-22	25-05-22	708.4	31.48	32.27
2	28-04-22	25-05-22	724.8	32.21	
3	28-04-22	25-05-22	745.3	33.12	

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON M30 GRADE CONCRETE

Name of work: Restoration and Improvements of balance Roads of chikkabettahalli village, Doddabettahalli Village, Aditya nagar Phase-01 and Surrounding area in ward no-03 of yelahanka New town sub division, (package-05)

Location: At Venkateshwara Temple road

Client: Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore

Order No: BBMP/EE/YNK.D/EPMT-08/W.O/113/2021-22

Agency: Shri G Humesh Kumar Shri Sai Constructions

Size of cubes : 150 x150 x 150 mm

Cross Sectional area : 22500 mm2

Grade of concrete : M30

Compressive Strength as on : 28 Days

Date of casting : 30-04-22

Concrete for roads 28 Days test Results

Sl no	Date of casting	Date of testing	Failure load	Compressive Strength (N/mm2)	Average Compressive Strength (N/mm2)
1	30-04-22	27-05-22	726.4	32.28	32.34
2	30-04-22	27-05-22	711.5	31.62	
3	30-04-22	27-05-22	745.3	33.12	

SOCIUS ENGG TECH PVT LTD Bengaluru 560 010

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-೫೬

#363, 19th Main Road, 1st
Rajajinagar, Bengaluru – 5
E-Mail: support@sociusen
Call: 7259425099, 895120
Website: www.sociusengg